

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/089,027
ITW16
4-21-05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chknote.htm>

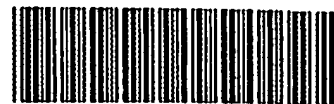
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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFW16

RAW SEQUENCE LISTING

DATE: 04/21/2005

PATENT APPLICATION: US/10/089,027

TIME: 11:37:43

Input Set : A:\NEB-166-PUS.APP.txt

Output Set: N:\CRF4\04212005\J089027.raw

3 <110> APPLICANT: JACK, WILLIAM E.
 4 GARDNER, ANDREW
 5 BUZBY, PHILIP R.
 6 DIMEO, JAMES J.
 7 NEW ENGLAND BIOLABS, INC.
 8 NEN LIFE SCIENCE PRODUCTS, INC.
 10 <120> TITLE OF INVENTION: INCORPORATION OF MODIFIED NUCLEOTIDES BY ARCHAEON DNA
 11 POLYMERASES AND RELATED METHODS
 13 <130> FILE REFERENCE: NEB-166-PUS
 15 <140> CURRENT APPLICATION NUMBER: 10/089,027
 16 <141> CURRENT FILING DATE: 2002-03-26
 18 <150> PRIOR APPLICATION NUMBER: PCT/US00/26900
 19 <151> PRIOR FILING DATE: 2000-09-29
 21 <150> PRIOR APPLICATION NUMBER: 60/157,204
 22 <151> PRIOR FILING DATE: 1999-09-30
 24 <160> NUMBER OF SEQ ID NOS: 33
 26 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

pg. 1, 3) 2

ERRORED SEQUENCES

430 <210> SEQ ID NO: 31
 431 <211> LENGTH: 631
 432 <212> TYPE: DNA
 433 <213> ORGANISM: Consensus using 9 degrees N or AmpliTaq
 435 <220> FEATURE:
 436 <221> NAME/KEY: misc_feature
 437 <222> LOCATION: (2)..(3)
 438 <223> OTHER INFORMATION: n is a, c, g, or t
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 443 <223> OTHER INFORMATION: s is g or c
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 455 <220> FEATURE:
 456 <221> NAME/KEY: misc_feature

Found 635

RAW SEQUENCE LISTING

DATE: 04/21/2005

PATENT APPLICATION: US/10/089,027

TIME: 11:37:43

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Output Set: N:\CRF4\04212005\J089027.raw

457 <222> LOCATION: (18)..(18)
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513 <223> OTHER INFORMATION: m is a or c
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517 <222> LOCATION: (530)..(530)

RAW SEQUENCE LISTING

DATE: 04/21/2005

PATENT APPLICATION: US/10/089,027

TIME: 11:37:43

Input Set : A:\NEB-166-PUS.APP.txt

Output Set: N:\CRF4\04212005\J089027.raw

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 532 <222> LOCATION: (587)..(588)
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 535 <220> FEATURE:
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 537 <222> LOCATION: (593)..(593)
 538 <223> OTHER INFORMATION: w is a or t
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 550 <220> FEATURE:
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 553 <223> OTHER INFORMATION: k is g or t
 555 <400> SEQUENCE: 31

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 560 gttatccngc tcacaattcc acacaacata cngagccgga agcataaagt gtaaagcctg 180
 562 ggggtgcctaa tgagtgcctt aactcacatt aattgcgttg cgctcacttg cccgctttcc 240
 564 agtcgggaaa cctgtcgtgc cagctgcatt aatgaatcgg ccggagaggc gggttgcgta 300
 566 ttgggcgcca ggggtggttt tcttttcacc agtgagacgg gcaacagctg attgcccttc 360
 568 accgcctggc cytgagagag ttgcagcaag cggccacgc tgggttgccc cagcaggcga 420
 570 aaatatggtg gttccgaaat cggcaaaatc cctataaat caaaagaata gccccgagat 480
 572 aggggtgaag tggtgtcca gtttggaaca agagtccmct attaaagaam gtggactcca 540
 574 acgkcaaagg gcgaaaaacc gtctwtcagg ggcgatggcc actacgkkaa ccwtcmcccta 600
 E--> 576 atcaagtttt tgggkcgag kggcggttaa gccta 635

See
 error
 explanation
 on pg. 1.

VERIFICATION SUMMARY

DATE: 04/21/2005

PATENT APPLICATION: US/10/089,027

TIME: 11:37:44

Input Set : A:\NEB-166-PUS.APP.txt

Output Set: N:\CRF4\04212005\J089027.raw

L:556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0

M:341 Repeated in SeqNo=31

L:576 M:252 E: No. of Seq. differs, <211> LENGTH:Input:631 Found:635 SEQ:31

L:626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0

M:341 Repeated in SeqNo=32

L:861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0

M:341 Repeated in SeqNo=33